

L.NAGARAJ

MECHANICAL DESIGN ENGINEER

Aspiring for opportunity that will allow me to contribute my skills and knowledge for the progress of organization and individual growth. I want to be best in my field, and looking forward to work in 'Design & Development' area.



WORK EXPERIENCE

Qualitch pvt Ltd. (R&D)
Mechanical Design Engineer

May 2019 - Present

TOTAL EXPERIENCE -3.6 YEARS

- **Designing of Sheet metal components** - NX CAD & AUTO CAD 2017.
- **PRODUCT DESIGN & DEVELOPMENT**
- **Press Tool, Jig & Fixtures Design.**
- Creating parametric models and drafting
- Preparing BOM (Bill of Material)

Elkeyam Auto Ancillaries Pvt. Ltd. (R&D) May 2017 - April 2019
Mechanical Design engineer

- **Designing of Plastics & Sheet metal components** -Solid Works & NX CAD
- **Press Tool, Jig & Fixtures Design.**
- Automotive components Designing & **Vehicle integration**
- **New Product Development** and machine components; working from initial concept and design to prototyping, production phase, machining, testing and release
- 2D detailing, Geometric dimensioning and tolerancing (GD&T), **Tolerance Stack-up** analysis and drafting
- Documentation - DFMEA, VAVE, Feasibility, Installation Manual



PROJECTS

- Step Illumination/ Doorsill Plates - Honda & Toyota
- Foot Light/ Leg room lamps - Honda & Toyota OEM approved
- Front and Rear Parking assistance System - Honda OEM approved
- Siren mounting brackets - Honda & Maruti Suzuki
- GPS Tracking Module - Mechanical integration and structural design
- Design of Checking fixtures, Brackets and molded components
- Designing commercial ware washing systems: Dover
- Miscellaneous projects (During Bachelor's studies):
- Thermo Mechanical analysis of Elastomeric bearings



INTERNSHIP

Jan-2017 **Industrial Internship in Automation Technology**
Bosch Rexroth Centre, Bengaluru

- Industrial Hydraulics and Industrial Pneumatics
- Industrial Sensors and Programmable Logic Controller (PLC)
- Real time PLC controlled case study



EDUCATION QUALIFICATIONS

| | | |
|-----------|---|--------------|
| 2013-2017 | Bachelor of Engineering - Mechanical Engineering | : 73% |
| | Tamilnadu College of Engineering, Coimbatore. | |
| 2012-2013 | XIIth Class | : 83% |
| | Govt. Higher Secondary School, Krishnagiri | |
| 2009-2010 | Xth Class | : 93% |
| | Govt. Higher Secondary School, Krishnagiri | |



PERSONAL INFO

9698126140

sureshnagaraj007@gmail.com

Bagalur Road, KCC Nagar,
Hosur, TN-635109

www.linkedin.com/in/nagaraj-suresh-7a0165176



SOFTWARE SKILLS

- NX: PRODUCT DESIGN & CAD & 3D modelling
- NX CAD: 3D modelling
- AutoCAD : Drafting
- MS PowerPoint
- MS Excel



LANGUAGE

English

Telugu

Kannada

Tamil



Co-Curricular Activities

- Participated in Workshop on "Six Sigma"
- Acted as Event coordinator in YANTRA 2017-Department Fest (RNSIT- Mechanical Engineering).
- Volunteered in blood donation camps conducted by Lions club Coimbatore.



HOBBIES

- Long Walking
- Photography
- Product Design